

Log of Test Pit 18-TP-550

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0 to 1 | 0 to 2.5 | (Loose), damp, intermixed brown SAND; dark brown, sandy GRAVEL; and black, gravelly SAND with debris (FILL) (see note below). |
| S-2 | 3 to 6 | 2.5 to 7 | (Dense), damp, medium brown, sandy GRAVEL (NATIVE). |
| S-3 | 8 to 10 | 7 to 10 | (Medium dense), moist, brown, sandy GRAVEL (NATIVE). |

Bottom of 18-TP-550 at 10 feet, completed 5/15/92.

Note:

Debris observed from depth of 0.5 to 2.5 feet: 2 timbers, 1 steel pipe, and pieces of sheet metal.

Log of Test Pit 18-TP-551

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0 to 1 | 0 to 1.5 | (Loose), damp, brown, silty, gravelly SAND with piece of plastic at 0.5 foot. |
| S-2 | 3 to 6 | 1.5 to 10 | (Medium dense), moist, brown, sandy GRAVEL with gravel layers. |
| S-3 | 8 to 10 | | |

Bottom of 18-TP-551 at 10 feet, completed 5/15/92.

Log of Test Pit 18-TP-552

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----|-----------------------|--|
| S-1 | 0 to 1 | 4.5 | 0 to 2 | (Loose), damp, dark brown, silty, sandy GRAVEL with brick and mortar debris. |
| S-2 | 3 to 5 | 4.5 | 2 to 10 | (Loose), damp, light brown, sandy GRAVEL with gravel layers. |
| S-3 | 8 to 10 | 4.5 | | |

Bottom of 18-TP-552 at 10 feet, completed 4/29/92.

Log of Test Pit 18-TP-553

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----|-----------------------|---|
| S-1 | 0 to 1 | 4.5 | 0 to 6 | (Loose), damp, dark brown, silty, gravelly SAND with debris and strong creosote odor (see notes below). |
| S-2 | 3 to 6 | 4.5 | | |

Bottom of 18-TP-553 at 6 feet, completed 4/29/92.

Notes:

- 1) Debris found from depth of 1 to 6 feet: crushed sections of sheet metal ducting which appeared to be approximately 3 feet in diameter, creosote-treated wood debris, and short lengths of iron.
- 2) Potential asbestos-containing material (ACM) encountered throughout excavation; TLH Abatement Inc removed potential ACM.

Log of Test Pit 18-TP-554

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----|-----------------------|---|
| S-1 | 0 to 1 | 4.5 | 0 to 6 | (Loose), damp, dark brown-black, silty, gravelly SAND with 1-inch diameter PVC waterline at 0.5 foot. |
| S-2 | 3 to 6 | 4.5 | | |
| | | | 6 to 8 | (Loose), damp, light brown, gravelly SAND. |
| S-3 | 8 to 10 | 5 | 8 to 10 | (Medium dense), damp, light brown-gray, sandy GRAVEL. |

Bottom of 18-TP-554 at 10 feet, completed 4/29/92

Log of Test Pit 18-TP-555

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----|-----------------------|--|
| S-1 | 0 to 1 | 4.5 | 0 to 6.5 | (Loose), damp, dark brown, silty, sandy GRAVEL mixed with debris (FILL) (see notes below). |
| S-2 | 3 to 6 | 5 | | |
| S-3 | 8 to 10 | 4.5 | 6.5 to 10 | (Medium dense), moist, light-brown, sandy GRAVEL. |

Bottom of 18-TP-555 at 10 feet, completed 4/30/92.

Note:

- 1) Debris mixed in with soils from 0 to 6.5 feet: moderate amount of bricks, mortar, creosote-treated wood, metal, and ash.
- 2) Observed thin layer of crystalline copper salts mixed with black SAND, in the side wall between depth of 3 and 4 feet.

Figure A-18-30

Log of Test Pit 18-TP-556

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|----|-----------------------|---|
| S-1 | 0 to 1 | 5 | 0 to 10 | (Loose), damp, light brown, slightly sandy GRAVEL with interbedded gravel layers. |
| S-2 | 3 to 6 | 5 | | |
| S-3 | 8 to 10 | 5 | | |

Bottom of 18-TP-556 at 10 feet, completed 5/13/92.

Note:

1 to 2 feet of soil removed during interim source removal prior to test pit excavation.

Log of Test Pit 18-TP-557

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----|-----------------------|--|
| S-1 | 0 to 1 | 4.5 | 0 to 10 | (Loose), damp, medium gray SAND with debris (FILL) (see note below). |
| S-2 | 3 to 6 | 4.5 | | |
| S-3 | 8 to 10 | 4.5 | | |

Bottom of 18-TP-557 at 10 feet, completed 4/30/92.

Note:

Debris observed from depth of 0 to 10 feet: abundant chunks of wood debris (mostly creosote-treated wood), lengths of iron, and charcoal.

Log of Test Pit 18-TP-558

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----|-----------------------|---|
| S-1 | 0 to 1 | 4.5 | 0 to 1.7 | (Loose), damp, dark brown, silty, gravelly SAND mixed with wood fragments, lengths of iron, and scrap sheet metal (FILL). |
| S-2 | 1 to 2 | 4.5 | 1.7 to 2 | (Loose), damp, black, silty SAND mixed with crystals of copper salts (FILL). |
| | | | 2 to 3 | (Loose), damp, dark brown, silty, gravelly SAND. |
| S-3 | 3 to 6 | 4.5 | 3 to 10 | (Loose), damp, light brown, sandy GRAVEL. |
| S-4 | 8 to 10 | 4.5 | | |

Bottom of 18-TP-558 at 10 feet, completed 4/30/92

Log of Test Pit 18-TP-559

| Sample Number | Sample Depth in Feet | pH | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|----|-----------------------|---|
| S-1 | 0 to 1 | 5 | 0 to 1 | (Loose), moist, medium brown, sandy GRAVEL. |
| S-2 | 3 to 6 | 5 | 1 to 9 | (Loose), moist, medium gray, sandy GRAVEL with (medium dense), tan-brown GRAVEL lenses at depths of 5 and 6 feet. |
| S-3 | 8 to 10 | 5 | 9 to 10 | (Medium dense), moist, tan-brown, sandy GRAVEL. |

Bottom of 18-TP-559 at 10 feet, completed 5/1/92.

Note: S-1 is a 5-point composite from 0 to 1 foot within the Biazzi-Nitrator foundation.

Figure A-18-32

Log of Hand Auger Boring 18-HA-501

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0 to 1 | 0 to 2 | (Medium dense), damp, dark brown, silty, sandy GRAVEL with minor organics. |
| S-2 | 2 to 3 | 2 to 3 | (Dense), damp, light brown, sandy GRAVEL. |

Bottom of 18-HA-501 at 3 feet, completed 5/21/92.

Log of Hand Auger Boring 18-HA-502

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0 to 1 | 0 to 3 | (Medium dense), damp, brown, silty, gravelly SAND. |
| S-2 | 2 to 3 | | |

Bottom of 18-HA-502 at 3 feet, completed 5/21/92.

Log of Hand Auger Boring 18-HA-503

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0 to 1 | 0 to 3 | (Dense), damp, dark brown, silty, gravelly SAND with minor organics and charcoal. |
| S-2 | 2 to 3 | | |

Bottom of 18-HA-503 at 3 feet, completed 5/21/92.

Log of Test Pit 18-TP-600

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 3-6 | 0 to 1 | (Medium dense), moist, dark brown, slightly silty, sandy GRAVEL. |
| S-2 | 8-10 | 1 to 10 | (Medium dense), moist, brown, sandy to slightly sandy GRAVEL. |

Bottom of 18-TP-600 at 10 feet, completed 11/5/92

Note: Test pit excavated adjacent to observed surficial residual DNT.

Log of Test Pit 18-TP-601

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1(R) | 0 to 1 | 0 to 2.5 | (Medium dense), moist, dark brown, slightly silty, sandy GRAVEL with abundant organics. |
| S-2 | 3 to 6 | 2.5 to 10 | (Medium dense), moist, brown, slightly sandy to sandy GRAVEL. |
| S-3 | 8 to 10 | | |

Bottom of 18-TP-601 at 10 feet, completed 11/5/92.

Log of Test Pit 18-TP-602

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1(R) | 0 to 1 | 0 to 1 | (Medium dense), moist, dark brown, sandy GRAVEL. |
| S-2 | 2 to 3 | 1 to 10 | (Medium dense), moist, slightly sandy to sandy GRAVEL. |
| S-3 | 8 to 10 | | |

Bottom of 18-TP-602 at 10 feet, completed 11/5/92.

Log of Test Pit 18-TP-603

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1(R) | 0 to 1 | 0 to 0.75 | (Medium dense), moist, dark brown, sandy GRAVEL (upper 3 to 4 inches have been graded and disturbed). |
| S-2 | 3 to 6 | 0.75 to 10 | (Medium dense), moist, brown, slightly sandy to sandy GRAVEL. |
| S-3 | 8 to 10 | | |

Bottom of 18-TP-603 at 10 feet, completed 11/5/92.

Note: Test pit excavated adjacent to observed surficial residual DNT.

Log of Test Pit 18-TP-604

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 3-6 | 0 to 1.5 | (Medium dense), moist, dark brown, sandy GRAVEL with abundant organics. |
| S-2 | 8-10 | 1.5 to 10 | (Medium dense), moist, brown, slightly sandy to sandy GRAVEL. |

Bottom of 18-TP-604 at 10 feet, completed 11/5/92

Note: Test pit excavated adjacent to observed surficial residual DNT.

Figure A-18-36

Log of Test Pit 18-TR-101-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, gray, sandy GRAVEL. |

Bottom of 18-TR-101-N at 4 feet, completed 6/28/93.

Log of Test Pit 18-TR-101-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-4 | 3-4 | 2-4 | (Medium dense), moist, gray, sandy GRAVEL. |

Bottom of 18-TR-101-S at 4 feet, completed 6/28/93.

Log of Test Pit 18-TR-102-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), moist, dark brown TOPSOIL (FILL). |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, brown to gray, slightly sandy GRAVEL with concrete and copper debris (FILL). |

Log of Test Pit 18-TR-102-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0 to 2 | (Loose), moist, brown TOPSOIL (FILL). |
| S-4 | 3-4 | 2-4 | (Medium dense), moist, brown to gray, slightly sandy GRAVEL with intact concrete foundation. |

Bottom of 18-TR-102-E at 4 feet, completed 6/28/93.

Log of Test Pit 18-TR-103-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0 to 2 | (Medium dense), moist, brown, slightly sandy GRAVEL. |
| S-4 | 3-4 | 2-4 | (Medium dense), moist, brown to gray, slightly sandy GRAVEL (appears NATIVE). |

Bottom of 18-TR-103-S at 4 feet, completed 6/28/93.

Log of Test Pit 18-TR-104-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0 to 2 | (Loose), moist, brown sandy GRAVEL. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light gray, sandy GRAVEL. |

Bottom of 18-TR-104-W at 4 feet, completed 6/28/93.

Figure A-18-38

Log of Test Pit 18-TR-104-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 1-2 | 0-2 | (Loose), moist, brown, sandy GRAVEL with broken pieces of concrete debris (FILL). |
| S-4 | 3-4 | 2-4 | (Medium dense), moist, light gray sandy GRAVEL. |

Note:

Bottom of 18-TR-104-E at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-105-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-3 | (Loose), moist, brown, sandy GRAVEL with organics and concrete debris (FILL). |
| S-2 | 3-4 | 3-4 | (Loose), moist, light brown, sandy GRAVEL. |

Note:

Bottom of 18-TR-105-N at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-105-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--------------------------------------|
| S-3 | 0-1 | 0-3 | (Loose), moist, brown, sandy GRAVEL. |
| S-4 | 3-4 | 3-4 | (Loose), moist, brown, sandy GRAVEL. |

Bottom of 18-TR-105-S at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-106-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), moist, dark brown TOPSOIL with organics, wood and steel debris (FILL). |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, brown, sandy GRAVEL. |

Note:

Encountered a 6-inch cast iron water main, creosoted timbers, steel pipes, and cables at 1 foot depth. Bottom of 18-TR-106-W at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-106-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0-2 | (Loose), moist, dark brown TOPSOIL with organics, wood and steel debris (FILL). |
| S-4 | 3-4 | 2-4 | (Medium dense), moist, brown, sandy GRAVEL. |

Bottom of 18-TR-106-E at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-107-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, dark brown TOPSOIL with dark stained burned wood-charcoal (FILL). |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL with intermittent wood fragments (FILL). |

Bottom of 18-TR-107-N at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-107-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0-2 | (Loose), moist, dark brown TOPSOIL with steel, copper, concrete, and plastic debris (FILL). |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown to gray, sandy GRAVEL. |

Bottom of 18-TR-107-S at 4 feet, completed 6/29/93.

Log of Test Pit 18-TR-108-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with concrete debris (FILL). |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL with wood fragments (FILL). |

Note:

Bottom of 18-TR-108-E at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-108-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with burned wood layer (FILL). |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-108-W at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-109-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL. |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-109-W at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-109-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with burned wood layer (FILL). |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-109-E at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-110-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-110-N at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-110-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with organics. |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-110-S at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-111-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-1.5 | (Loose), moist, brown TOPSOIL with copper material (FILL). |
| S-2 | 3-4 | 1.5-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-111-E at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-111-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-1.5 | (Loose), moist, brown TOPSOIL with organic matter. |
| S-4 | 3-4 | 1.5-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-111-W at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-112-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with steel debris (FILL). |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-112-S at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-112-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL . |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-112-N at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-113-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-4 | (Loose), moist, brown TOPSOIL with mixed debris (FILL). |
| S-2 | 3-4 | 0-4 | (Loose), moist, light brown, TOPSOIL with mixed debris (FILL). |

Bottom of 18-TR-113-W at 4 feet, completed 6/30/93.

Note: Brick, steel, ceramics, and cable debris along with 6-inch ceramic pipe leading from an adjacent structure was encountered.

Figure A-18-44

Log of Test Pit 18-TR-113-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0-4 | (Very loose), moist, dark brown TOPSOIL with mixed debris (FILL). |
| S-4 | 3-4 | 0-4 | (Loose), moist, dark brown TOPSOIL with mixed debris (FILL). |

Note:

Brick, steel, ceramics, and cable debris along with 6-inch ceramic pipe leading from an adjacent structure was encountered. Bottom of 18-TR-113-N at 4 feet, completed 6/30/93.

Log of Test Pit 18-TR-114-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL with abundant organics. |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-114-W at 4 feet, completed 7/1/93.

Log of Test Pit 18-TR-115-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL. |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-115-N at 4 feet, completed 7/1/93.

Log of Test Pit 18-TR-115-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL. |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-115-S at 4 feet, completed 7/1/93.

Log of Test Pit 18-TR-116-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL. |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL with patches of gravelly SAND. |

Bottom of 18-TR-116-E at 4 feet, completed 7/1/93.

Log of Test Pit 18-TR-116-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL. |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL with patches of gravelly SAND. |

Bottom of 18-TR-116-W at 4 feet, completed 7/1/93.

Log of Test Pit 18-TR-Depression

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-1.5 | (Medium dense), moist, light brown, sandy GRAVEL. |
| S-2 | 3-4 | 1.5-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-Depression at 4 feet, completed 7/7/93.

Log of Test Pit 18-TR-117-W

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 1-2 | 0-3 | (Loose), wet, brown TOPSOIL mixed with concrete debris (FILL). |
| S-2 | 4-5 | 3-5 | (Loose), wet, light brown, sandy GRAVEL. |

Bottom of 18-TR-117-W at 5 feet, completed 7/2/93.

Log of Test Pit 18-TR-117-E

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-3 | (Loose), wet, brown TOPSOIL. |
| S-4 | 3-4 | 3-5 | (Loose), wet, light brown, sandy GRAVEL. |

Bottom of 18-TR-117-E at 5 feet, completed 7/2/93.

Log of Test Pit 18-TR-118-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown SAND. |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-118-N at 4 feet, completed 7/2/93.

Log of Test Pit 18-TR-118-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-3 | 0-1 | 0-2 | (Loose), moist, brown TOPSOIL. |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL with patches of gravelly SAND. |

Bottom of 18-TR-118-S at 4 feet, completed 7/2/93.

Log of Test Pit 18-TR-119-N

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, light brown SAND. |
| S-2 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-119-N at 4 feet, completed 7/2/93.

Figure A-18-48

Log of Test Pit 18-TR-119-S

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-3 | 0-1 | 0-2 | (Loose), moist, light brown SAND with burned wood layer (FILL). |
| S-4 | 3-4 | 2-4 | (Loose), moist, light brown, sandy GRAVEL. |

Bottom of 18-TR-119-S at 4 feet, completed 7/2/93.

TEST PITS PERFORMED AT GRID SAMPLE LOCATIONS

Log of Test Pit 18-TP-GS-16

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 1-2 | 0-2 | (Medium dense), dry, light brown, sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), dry, light brown, sandy GRAVEL. |

Note:

Undisturbed concrete occupied the 0 to 1 foot interval (transport angel walks). Bottom of 18-TP-GS-16 at 4 feet, completed 7/7/93.

Log of Test Pit 18-TP-GS-17

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), dry, light brown, sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), dry, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-17 at 4 feet, completed 7/7/93.

Log of Test Pit 18-TP-GS-22

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Medium dense), dry, light brown, sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), dry, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-17 at 4 feet, completed 7/7/93.

Log of Test Pit 18-TP-GS-23

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, silty, sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-23 at 4 feet, completed 7/7/93.

Log of Test Pit 18-TP-GS-24

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1(R) | 0-1 | 0-2 | (Medium dense), moist, brown, silty, sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-24 at 4 feet, completed 7/7/93.

Log of Test Pit 18-TP-GS-25

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, silty, sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-25 at 4 feet, completed 7/7/93.

Log of Test PW 18-TP-GS-27

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, brown, slightly gravelly SAND with abundant organics. Berm material. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Note: Material encountered during 0-2 foot interval was from berms placed around buildings.
Bottom of 18-TP-GS-27 at 4 feet, completed 7/6/93.

Log of Test PW 18-TP-GS-28

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-28 at 4 feet, completed 7/6/93.

Log of Test PW 18-TP-GS-32

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-32 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-33

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-33 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-38

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-3 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 3-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-38 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-40

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-40 at 4 feet, completed 7/7/93.

Log of Test Pit 18-TP-GS-41

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-41 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-42

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-42 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-43

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Medium dense), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL. |

Bottom of 18-TP-GS-43 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-47

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-1 | (Loose), moist, brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 1-4 | (Loose), moist, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-47 at 4 feet, completed 7/12/93.

Log of Test Pit 18-TP-GS-49

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), dry, dark brown, slightly sandy GRAVEL with abundant organics. |
| S-2 | 3-4 | 2-4 | (Loose), dry, light brown to light gray, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-49 at 4 feet, completed 7/12/93.

Log of Test Pit 18-TP-GS-53

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), dry, light brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), dry, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-53 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-54

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-1 | (Loose), dry, light brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 1-4 | (Medium dense), dry, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-54 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-59

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, black to light brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-59 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-62

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), dry, light brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), dry, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-62 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-70

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-1.5 | (Loose), dry, dark to light brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 1.5-4 | (Medium dense), dry, light brown, sandy GRAVEL with cobbles. |

Note:

Sand content in gravel layer decreasing with depth.
Bottom of 18-TP-GS-70 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-72

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|--|
| S-1 | 0-1 | 0-2 | (Loose), moist, dark brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL with cobbles. |

Note:

Layer of gravel dipping from south to north.
Bottom of 18-TP-GS-72 at 4 feet, completed 7/6/93.

Log of Test Pit 18-TP-GS-81

| Sample Number | Sample Depth in Feet | Stratum Depth in Feet | Soil Description |
|---------------|----------------------|-----------------------|---|
| S-1 | 0-1 | 0-2 | (Loose), moist, light brown, slightly sandy GRAVEL with organics. |
| S-2 | 3-4 | 2-4 | (Medium dense), moist, light brown, sandy GRAVEL with cobbles. |

Bottom of 18-TP-GS-81 at 4 feet, completed 7/6/93.

AREA 1234
EXPLORATION LOGS